



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/845,813	04/30/2001	Kevin David Eld	10013062-1	3203

22879 7590 11/17/2004

HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER

LIN, KELVIN Y

ART UNIT PAPER NUMBER

2142

DATE MAILED: 11/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/845,813

Applicant(s)

ELD ET AL.

Examiner

Kelvin Lin

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>4/30/01</u> . | 6) <input type="checkbox"/> Other: _____ |

Detailed Action

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-31 are rejected under 35 USC 102(b) as being anticipated by Poole et al., (U.S. Patent 6006242).
3. Regarding claim 1, Poole teaches a method of distributing a plurality of documents, the method comprising the steps of:
 - associating a metadata file with each of the documents (Poole, col. 5, l.6-9, The definition of metadata includes: “ .. information required by the runtime..” - The Microsoft Computer Dictionary, 4th edition, here, the metadata file is the entity reference);
 - applying at least one content attribute to each of the documents, including appending the metadata file of each of the documents with the at least one content attribute (Poole, col. 14, l.32-38);
 - assigning at least one content group to each of the documents based on the at least one content attribute of a respective one of the documents, including modifying the metadata file of each of the

documents to include the at least one content group of the
respective one of the documents (Poole, col. 11, l.59-67); and

- distributing the documents based on the at least one content group
of each of the documents (Poole, col.25, l.14-20) .

4. Regarding claim 2, Poole further discloses the method of claim 1, wherein the
step of associating the metadata file with each of the documents includes
identifying at least one of a title, an author, a date, and an identification of each of
the documents (Poole, col.21, l.17).
5. Regarding claim 3, Poole further discloses the method of claim 1, wherein the
step of
 - applying the at least one content attribute to each of the documents
includes defining a plurality of content attributes for the documents
including the at least one content attribute (Poole, col. 14, l.32-38),
 - analyzing a content of each of the documents (Poole, col.7, l.17-21),
and
 - assigning content attribute values to the content attributes for each of
the documents based on the content thereof (Poole, col.43, l.59-60).
6. Regarding claim 4, Poole further discloses the method of claim 3, wherein
appending the metadata file of each of the documents with the at least one
content attribute includes appending the metadata file of each of the documents
with the content attribute values of the content attributes (Poole, col.5, l.9-
11,col.64, l.54-56).

7. Regarding claim 5, Poole further discloses the method of claim 1, wherein the step of assigning the at least one content group to each of the documents includes defining a plurality of content groups including the at least one content group, defining at least one condition for each of the content groups, and assigning the at least one content group to at least one of the documents if the at least one of the documents satisfies the at least one condition of the at least one content group (Poole, Table 14&15, col. 25, l.14-67).
8. Regarding claim 6, Poole further discloses the method of claim 5, wherein defining the at least one condition for each of the content groups includes specifying at least one of a plurality of content attributes including the at least one content attribute and a content attribute value for the at least one of the plurality of content attributes (Poole, col.16, l.56-59).
9. Regarding claim 7, Poole further discloses the method of claim 5, wherein assigning the at least one content group to the at least one of the documents includes assigning at least one content group value to a content group attribute of the at least one of the documents (Poole, col.14, l.29-39, col. 25, l.17-20).
10. Regarding claim 8, Poole further discloses the method of claim 7, wherein modifying the metadata file of each of the documents to include the at least one content group includes modifying the metadata file of the at least one of the documents to include the at least one content group value for the content group attribute (Poole. Col. 69, l.45-54).
11. Regarding claim 9, Poole further discloses the method of claim 1, wherein the

step of distributing the documents includes defining a plurality of content categories, associating the at least one content group with at least one of the content categories, and distributing for the at least one of the content categories each of the documents assigned the at least one content group (Poole, col. 26, l.66-67, col. 33, l.14-15).

12. Regarding claim 10, Poole further discloses the method of claim 9, wherein defining the plurality of content categories includes defining at least one content sub-category for the at least one of the content categories, and wherein associating the at least one content group with the at least one of the content categories includes associating the at least one content group with the at least one content sub-category (Poole, col. 25, l.45-50, here, the container functions similar to the categories in this art).
13. Regarding claim 11, Poole further discloses the method of claim 9, wherein the step of distributing the documents includes defining a navigational model identifying the content categories, presenting the navigational model to an audience, receiving a request for documents associated with one of the content categories from the audience, and distributing the documents associated with the one of the content categories to the audience, including distributing the documents assigned the at least one content group associated with the at least one of the content categories (Poole, col. 9, l.55-64).
14. Regarding claim 12, Poole further discloses the method of claim 11, wherein the step of distributing the documents further includes defining a communication link

between a host of the navigational model and the audience, wherein receiving the request for documents includes receiving the request for documents associated with the one of the content categories from the audience via the communication link, and wherein distributing the documents includes distributing the documents associated with the one of the content categories to the audience via the communication link (Poole, col.9, l.50-64).

15. Regarding claim 13, Poole further discloses the method of claim 12, wherein defining the communication link includes defining an Internet communication link between the host of the navigational model and the audience (Poole, col.11, l.22-24).
16. Regarding claims 14-17, have similar limitations as claims 1, 3, 5, and 6. Therefore, claims 14-17 are rejected for the same reasons set forth in the rejection of claims 1, 3, 5, and 6.
17. Regarding claim 18, Poole further discloses a document management system adapted to manage distribution of a plurality of documents, the document management system comprising:
 - a metadata architecture system adapted to apply at least one content attribute to each of the documents and append a metadata file of each of the documents with the at least one content attribute (Poole, col. 14, l.32-38);
 - a logic rules application system adapted to assign at least one

content group to each of the documents based on the at least one content attribute of a respective one of the documents and modify the metadata file of each of the documents to include the at least one content group of the respective one of the documents (Poole, col. 46, l. 56-67); and

- a document distribution system adapted to distribute the documents based on the at least one content group of each of the documents (Poole, col. 11, l.59-67).

18. Regarding claim 19, Poole further discloses the document management system of claim 18, further comprising: a document management data storage system adapted to store the documents therein (Poole, col.8, l.5-7).
19. Regarding claim 20, Poole further discloses the document management system claim 18, wherein the metadata file of each of the documents includes at least one of a title, an author, a date, and an identification of the respective one of the documents (Poole, col.21, l.17).
20. Regarding claim 21, Poole further discloses the document management system of claim 18, wherein the metadata architecture system defines a plurality of content attributes for the documents including the at least one content attribute, and wherein the metadata architecture system is adapted to analyze a content of each of the documents and assign content attribute values to the content attributes for each of the documents based on the content thereof(Poole, col. 2, l.15-25, The definition of metadata includes: " .. information required by the

runtime.." - The Microsoft Computer Dictionary, 4th edition, here, the metadata file is the entity reference);

21. Regarding claim 22, Poole further discloses the document management system of claim 21, wherein the metadata architecture system is adapted to append the metadata file of each of the documents with the content attribute values of the content attributes (Poole, col.5, l.9-11,col.64, l.54-56).

22. Regarding claim 23, Poole further discloses the document management system of claim 18, wherein the logic rules application system defines a plurality of content groups including the at least one content group and defines at least one condition for each of the content groups, and wherein the logic rules application system is adapted to assign the at least one content group to at least one of the documents if the at least one of the documents satisfies the at least one condition of the at least one content group (Poole, col. 17, l.23-33).

23. Regarding claim 24, Poole further discloses the document management system of claim 23, wherein the at least one condition for each of the content groups specifies at least one of a plurality of content attributes including the at least one content attribute and a content attribute value for the at least one of the plurality of content attributes (Poole, col.16, l.56-59) .

24. Regarding claim 25, Poole further discloses the document management system of claim 23, wherein the logic rules application system is adapted to assign at least one content group value for the at least one content group to a content

- group attribute of the at least one of the documents (Poole, col. 42, l.43-45).
25. Regarding claim 26, Poole further discloses the document management system of claim 25, wherein the logic rules application system is adapted to modify the metadata file of the at least one of the documents to include the at least one content group value for the content group attribute (Poole, col. 11, l.59-67).
26. Regarding claim 27, Poole further discloses the document management system of claim 18, wherein the document distribution system defines a plurality of content categories, and wherein the document distribution system is adapted to associate the at least one content group with at least one of the content categories and distribute for the at least one of the content categories each of the documents assigned the at least one content group (Poole, col. 26, l.66-67, col. 33, l.14-15).
27. Regarding claim 28, Poole further discloses the document management system of claim 27, wherein the document distribution system defines a navigational model identifying the content categories, and wherein the document distribution system is adapted to present the navigational model to an audience, receive a request for documents associated with one of the content categories from the audience, and distribute the documents associated with the one of the content categories to the audience (Poole, col. 9, l.55-64).
28. Regarding claim 29, Poole further discloses the document management system of claim 28, wherein the document distribution system is adapted to distribute the documents assigned the at least one content group associated with the at least

one of the content categories (Poole, col. 9, l.62-64).

29. Regarding claim 30, Poole further discloses the document management system of claim 28, wherein a host of the navigational model is configured to communicate with the audience via a communication link, and wherein the document distribution system is adapted to receive the request for the documents associated with the one of the content categories from the audience via the communication link and distribute the documents associated with the one of the content categories to the audience via the communication link (Poole, col.9, l.50-64).
30. Regarding claim 31, Poole further discloses the document management system of claim 30, wherein the communication link includes an Internet communication link (Poole, col.11, l.22-24).

Conclusion

The prior art made of record and not relied upon is considered pertinent to application's disclosure.

- Berstis, et al., (Patent No. 6510458) Blocking Saves to Web Browser Cache Based On Content Rating.
- Ginter et al., (Patent No. 6658568) Trusted Infrastructure Support System, Methods and Techniques For Secure Electronic Commerce Transaction And Rights Management.
- Woods et al., (PG Pub. No. 20020120481) Technology Management System Using Knowledge Management Disciplines, Web-Based Technologies, And Web Infrastructures.
- IEEE – Dale et al., Dynamic Document Delivery: Generating Natural Language Tests On Demand, Database and Expert Systems Applications, 1998, Proceedings, Ninth Internet Workshop On 26-28 Aug, 1998, pp. 131-136.

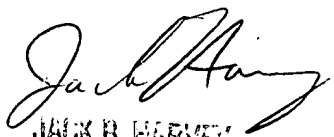
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kelvin Lin whose telephone number is 571-272-3898. The examiner can normally be reached on Flexible 4/9/5.

Art Unit: 2142

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached on 571-272-3896. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

11/11/04
KYL


JACK B. HARVEY
SUPERVISORY PATENT EXAMINER